

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [10881] 2M FM SCHEMATICS
Message-ID: <Pine.OSF.3.95.970203143643.16327A-100000@duke.usask.ca>

Thanks to all of you who responded to my earlier posts about building a 2M FM rig. Unfortunately, all the responses were about kits. Are there any good books with schematics? Thanks.

Regarding the 38spl. one thing I was thinking of doing when I receive my kit is having a switch to go from stock mode to 5W (which I would label high power of course). Is this difficult?

BTW I checked yesterday at the local zoo and the badgers are still hibernating. Now I just hope my 38spl arrives before spring...what am I saying. This is Saskatchewan. There still is plenty of time before spring ;-(Also, the groundhogs are still hibernating. Does this count as not seeing their shadow ... ?

Brian.

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+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| Keep Cool, but Don't Freeze |
| - Hellman's Mayonnaise |
+-----+
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From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [10801] 30 Meters
Message-ID: <199702022013_MC2-10A7-6BE2@compuserve.com>

Hi Gang:

For those of you who will be pouncing on 30 meters with those new 38 Specials, be patient -- 30 meters can be really surprising sometimes. 30M, which has always been my favorite band, sometimes made me feel like the "Maytag Repairman." :-) Sometimes the band is open but there just isn't anyone transmitting. And sometimes, like tonight, the propagation can be real freaky.

Tonight I was tuning through what sounded like a dead 30 meter band when I

heard a very loud K7 station calling CQ -- the only signal I heard on the band. It turned into a 45 minute rag chew from here in southeastern PA to northern Idaho. He had a solid copy on my 3 watts and rainspout antenna the whole time. At times, he was so loud I had to turn the volume down on the rig! Of course his 200 watts and 65 foot high rotatable dipole didn't hurt. :-)

I'm looking forward to working each and every one of those 700 38 Specials out there. I'll be listening for you folks on 30 meters!

73, Craig WB3GCK

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Chris Wilken" <cwilken@greatlakesav.com>
Subject: [10850] 38 Special "Postings Collection"
Message-ID: <199702031519.KAA49461@nss2.CC.Lehigh.EDU>

I think I sent a copy of my previously named MODS LIST to everyone that requested one. In addition, copies have been sent to Steve Hideg for inclusion on the Internet QRP site web page as well as on the MN-QRP society homepage. While this file may not be available just yet, please watch

<http://www.spacestar.net/users/aplitech/mnqrp/>
<http://qrp.cc.nd.edu/qrp-l/welcome.html>

for both the 38 Special and 40-9er postings.

As I should have clarified earlier, this isn't so much a MODS LIST per se, but rather a cleaned up collection of all the postings on the QRP-list related to the 38 Special. I think most people will find it a good source of info in that it not only shows the working mods (read it back to front) but it shows the evolution of those mods (read if front to back).

At any rate, its better than nothing.

If I missed anyone directly, you can still get a copy from me by sending your email address that can receive attachments, to
cwilken@greatlakesav.com

73's
Chris
KB0DAL

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: johnhill@freenet.edmonton.ab.ca
Subject: [10839] 38S and Rainbow Tuner..How get??
Message-ID: <Pine.A41.3.95.970203060141.64718A-100000@fn2.freenet.edmonton.ab.ca>

OK, OK, I'm hooked....after my mail box seems to have nothing but 38
Special articles in it I've got to try it out.

Where do I get the 38S, the Rainbow Tuner and the Tick keyer?

Thanks...VE6CU...

email: johnhill@freenet.edmonton.ab.ca

QRP-L #838

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [10860] 38S is chirpy - ideas?
Message-ID: <v01540b01af1bc3c27787@[157.142.56.167]>

Hi gang,

So far I've added 1) the RIT mod, 2) 5W mod, and 3) TiCK mod. TiCK works great - no problems noticed. Receiver of the 38S also works great, and its sensitivity compares well to my Yaesu and Drake 2B (and that is saying something!). I've also done NA5N's and K1MG's suggested mods (adding 330 pF cap, etc.) I'm getting about 5 W out. At first, I had a very raspy tone on Xmit, but removing one turn from L2 and replacing the wires leading to the antenna connector with RG174 cured that problem (I know, I know, I should have used RG174 to begin with...).

The one problem that I haven't been able to cure yet is the chirp on transmit. At the top of the tuning range (10.125 MHz), very little chirp is detectable when listening to the output in another receiver. However, when I go to the bottom of the range (10.102), I have a very unacceptable chirp and frequency drift upon keydown. I've already shortened and twisted all wires leading to pots, etc. and checked to ensure that the crystal cans are well grounded. I haven't tried replacing D301 and D302 with transistors like Jerry suggested, but I'm seriously thinking about it. (BTW, D301 and D302 are a matched set as suggested by Ori.) I also wonder if experimenting with the values of C7 and C8 that form part of the oscillator with X1 might improve things. Any thoughts out there? Calling all gurus! (I've got plenty of badgers.)

Mike N5JKY
Edmond, OK

BTW, I've been using Radio Shack's Nova43 headphones with the 38S - lots of volume. In fact, I often have to adjust the RF gain on strong signals to keep from hurting my ears.

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [10816] 38spcl new problem found
Message-ID: <199702030419.XAA03490@smtp1.erols.com>

Gang,

I just noticed a new problem with my 38spcl. I just soldered in the jumper for D8 and wanted to see if there was any difference. I don't know if this has anything to do with the jumper, but now I notice that my xmit frequency changes when I raise and lower the volume. Yes, the 100K pot and the RIT are wired into the correct places :-). Has anyone else discovered this one yet, or did I get lucky and end up with XIT at no extra charge ?

72 Scott
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.
38 special at 300mw

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [10873] 7555/What is it?
Message-ID: <3.0.16.19970203102641.21071b24@mail.lightside.com>

I have been looking for a minimum component, easy to build code practice oscillator (for a code class project). Needs to run on a 9V battery. I found a circuit that fits the bill in the Radio Handbook, by Orr. The IC is a 7555 is this the same as an NE 555? Other circuit that fits the bill is a 555 in the ARRL Data Book listed as 12+ volts.

QR0ob: Just finished building a ZM-1. Neat little QRP matching unit. Using it on my OHR-400. Much more noise reduction than my old MFJ-941.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [10797] A speaker for my sons Ten Tec
Message-ID: <19970202.190359.12599.1.WB8YGG@juno.com>

Sometimes things just happen the right way..

I was sitting in my shack working on TiCKs, when my son came up to me and said. Hey, can I use this speaker for my Shortwave Radio? (He had tore apart an old AM/FM hand held radio and retained the speaker).

I said, hmm yeah, but I'm busy..
But then I looked around the corner and there was one of those Cafe Vienna tins with the lid open.. I said, Hmm maybe we could mount the speaker in here, but then well, gee it would mount right on the plastic lid, but then we would have to drill holes.. The drill was right there, there were the bits. But then we would have to glue the speaker in , there was the epoxy. But wire.. I had just run out, but now right there next to my foot was a bunch! And in the 64 drawer parts bin was 1 stereo plug. . And then rubber feet for the bottom..

Wow this project came together in 10 minutes!
So you basically drill holes for sound in the plastic lid, epoxy the speaker in place, and put some rubber feet on the bottom , which was the side of the Tin. Drill a hole in the bottom of the tin (now the back) and feed the wire in.

When I put the speaker /Lid on, the lip inside even helped support the speaker while the epoxy dried.!

Neat little speaker, and you should have seen the smile!

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Patrick Tendam" <buckeye@alpha.wcoil.com>
Subject: [10808] Announcement - Buckeye Electronics WEB Page
Message-ID: <199702030251.VAA26917@alpha.wcoil.com>

Just a short note to let all know that Buckeye Electronics has a web page at the following: <http://alpha.wcoil.com/~buckeye>

Stop by, take a look, and let me know what you think.

BTW, Buckeye and Kanga US will be at the upcoming Mansfield, OH Hamfest on February 9. Tables U-14 and 15 in the Youth building. Stop by and introduce yourself.

73,

Pat, WS8T

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [10864] Antenna suggestions: Loops
Message-ID: <19970203170753.AAA9458@LOCALNAME>

I agree with the open-line-fed Horizontal Loop idea as your very best bet for a one-and-only antenna in limited space. NOTHING will be as broad-band, omni-directional and immune to man-made noise. Make it as big, high, and round as you can... even if it's only a triangle.

I use a sling shot + 2 oz. sinker with the bottom half of a spin-casting pole to get the first pull lines over the very TOP_MOST branches of trees, then pull up a beefier support line. Small branches provide great spring action. Each support line has a pulley the whole loop floats thru, distributing strain around the system. Also, you can use a tether to pull the loop around to steer your lobes.

Even if you get the chance to put up other antennas, you'll never abandon the loop!

Let me know how you make out. 72, =s=

"Seab" Lyon - AA1MY

Bethel, CT; FN-31-HJ
ARCI/#9253; QRP-L #574
NEQRP/#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: zearwd@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [10842] Anyone have Kenwood 570D/S: tell me about it.
Message-ID: <9702031414.AA14067@aud.alcatel.com>

I would like to hear from anyone who has a
new Kenwood 570D/D... tell me all about it.
Thanks, 72/73 Dennis K3ETS, Dallas,Tx.

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Bill Todd <bill@techline.com>
Subject: [10811] Argonaut 515
Message-ID: <1.5.4.32.19970203032753.0067aff0@mail.techline.com>

Hello group(s) -

I am trying to help an elderly ham buddy of mine to sell his Argonaut 515.

We tried it out at his house and got some nice signal reports.
The case looks to be in great condition, except for one small scratch on the
lower right hand corner of the face of the rig (about 3/8th large).

What do these rigs go for these days? Any ideas?

Yes, there are manuals available - Serial # 515-0553

Thanks - Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Bill Todd <bill@techline.com>
Subject: [10828] Argonaut 515 Sold!
Message-ID: <1.5.4.32.19970203063318.00664eb8@mail.techline.com>

The Argonaut 515 has been sold.

Thanks for the notes folks!

CUL, Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [10840] broken 38s lives.
Message-ID: <2F5F1150.1299@mailgw.sanders.lockheed.com>

thanks to those who sent help on my 38 special. i had two problems with it. both shorts. one was under one of the 12mhz xtals and the other was between one of the tx section resistors and another capacitor. now i just need the time to get it on the air. i did give ae4ic a call for was but he didnt hear me. oh well ill be back.

73

barry
wb1edi

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Philip Karras <ke3fl@access.digex.net>
Subject: [10852] Building other stuff
Message-ID: <Pine.SUN.3.94.970203103528.27983A-100000@access2.digex.net>

OK Gary, I'm in the process of building an 80-meter transmitter kit from K6LMN kits (Roger) 310-474-2447. I built the receiver a few months back and the transmitter finally arrived a few weeks ago. I finished up the building part, now I have to do the tune up. My comments are that the "Tune-up" section is sorely lacking for someone like me with little time to hunt through the comments and schematic to find where to tap out for the VFO and BFO. I have to hunt them up, if the tap out points were clearly marked or mentioned in the tune-up procedure this would make the tune-up go faster. Since I had an hour on Saturday I was able to hear the RX BFO at 9000.8 KHz as specified and the TX BFO at 9000.0 KHz. It would also be nice to be told which part to adjust in the procedure rather than having to look back at the schematic and descriptions to figure it out again.

I will get it on the air, but it was disappointing after having built a few NN1G kits. I had these tuned up in less than 30 min, and here I am 1.5 hrs into it on this kit and I still don't have any power out.

One thing I like about Roger's kits is that he suggests numerous modifications and he even designs in pads for them on the circuit

board. He attitude is that this kit is for you to play with, which we end up doing anyway. But he makes it easy to do the mods. Plenty of room and extra holes and pads in places he knows he'd like to modify, and on top of that, a number of suggested mods as well.

I'll let you all know when it's actually on the air doing something besides receiving :-)

72 & 73 de KE3FL/Phil
:-)

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [10857] Color Burst Schematic & ObQRP
Message-ID: <Pine.OSF.3.95.970203111419.18479A-100000@saturn.acs.oakland.edu>

Would one of you kind people please send me a copy/fax of the Color Burst Transmitter as featured at the 1995 Dayton Building contest?

I have the PCB and a crystal... no schematic. I tried just populating the board with some random components but all I did was end up making some sort of contraption that converted all my lead fishing weights into gold... and I don't need gold fishing weights.

So the board got unsoldered and now I'd like to build something useful.

Thanks in advance,

73 =paul= w8kc

ObQRP: You know, I really should have pushed the envelope here and asked if anyone had a parts kit for that kit. I recall the schematic was rather vague as to the values of some of the semiconductors.

I fixed my TenTec 405. That's the 50W afterburner made for the old Argonaut 509. I had a QSO to test it and then flipped it off. The fellow I worked down in Tulsa could not believe I was running just 3 watts (this was on 40M SSB). I talked him into turning down his Kenwood 430 to the minimum (abt 10w, he thought) and he made his first 2 way QRP QSO. He was QUITE impressed and amused by the whole event. Did I mention he was running an INDOOR ATTIC DIPOLE????!!! Too Cool.

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [10800] Colorburst Sprint Info Please
Message-ID: <32F53A84.5F10@harksystems.com>

Where can I get the info about the Colorburst sprint?

--

73, Randy WJ4P
QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Len W. Tough" <len@infinet.com>
Subject: [10819] CONTEST: CQrp Challenge Update - SSB T00!!
Message-ID: <199702030445.XAA18739@mail1.infinet.com>

At the recent CQrp Meeting it was noted that AT LEAST one CQrp Member
would be operating the CQrp Challenge Contest on SSB.

If there are any SSB QRPers out there, please be sure to listen in for
someone calling CQ Contest on SSB.

Out of the 31 CQrp members, most of us will be operating at some point
during the period.

Please check out the web for more details if needed.

<http://www.infinet.com/~len>

Contest runs from 17:00z on Saturday the 8th of February, to 17:00z on
Sunday the 9th.

Good Luck!

Best 72/3

Len

KG8SF

len@infinet.com kg8sf@key.com

QRP-L # 841 CQrp # 2 ARCI # 9025 FISTS # 2134

CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp

Web Page: <http://www.infinet.com/~len>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Jerry Parker <jparker@fix.net>
Subject: [10829] Dan's Small Parts
Message-ID: <2.2.32.19970203074950.00828b98@fix.net>

Dan has his Winter Springs Specials out on the Internet now.

<http://www.fix.net/dans.html>

Enjoy,,,Jerry...K
Jerry ... WA6OWR ... K

The NorCal Page

<http://www.fix.net/norcal.html>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [10820] DX QSL Help
Message-ID: <Pine.BSI.3.93.970202234756.17702A-100000@u1.abs.net>

I just worked ZS6/G3MXJ on 7.008.4 with one watt from FM19mb (Maryland).
0435Z 03 feb 1997. Anyone know QSL info for this one? I got a darn CDRom
with nothing to play it on. :-)
Gotta get me a windows box this year.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Kevin Carpenter <kcarpent@astro.ocis.temple.edu>
Subject: [10836] Ear/Mikes
Message-ID: <Pine.BSD.3.91.970203072521.6239A-100000@astro.ocis.temple.edu>

Ye That Know,

If this question isn't appropriate for this ListServe please direct me to another.

I'd like to get feedback on various ear/mikes. <This are the units which have the microphone in your ear as well as the speaker. Appaarently the mic picks up your voice from the inner ear.>

A friend and I will be kayaking the entire Delaware River this summer and will be using HT's to keep in touch. These Ear/Mikes, if any of them work properly, would be great for our trip.

I've tried EARTALK but the mike doesn't pick-up well. In my opinion it is because that unit doesn't actually fit into the ear canal. I suspect that for the mike to pickup well it'd have to actually be in the ear canal.

Any feedback would be greatly appreciated.

thanks & 73's,

-:>Kevin Carpenter, CBET

Amateur Radio: N3XPX

WebPage: <http://www.temple.edu/biomed>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: Doug Hendricks <ki6ds@telis.org>

Subject: [10826] Feb. NorCal Meeting Report

Message-ID: <32F5758B.3608@telis.org>

The February meeting of the NorCal QRP Club was held at the California Burger Restaurant. What an exciting meeting. Lots of activity. 38 Special kits being sold right and left, Jim Cates, WA6GER brought a case of 13.5V 800mV power supplies from the qrp-l list, and these sold in 1 minute flat. Guys lined up to take advantage of Jim's great deal. We could have gotten rid of 2 or 3 more cases.

Bill Jones, KD7S brought his 38 Special that he has told you about on the net, you know the one that works perfectly, right out of the box, and has no key thump!! Bill has done the 5 watt mod, the TiCK keyer mod and one of his own, a digital analog display. Now you say a what? Bill has used 3 10 segment leds to make a dial, and as you turn the tuning knob, it travels across the display and the calibrated dial shows you where you are. Very clever, and very accurate. You can see pictures on the NorCal Web site. I call Bill's new rig the "Drake 38", to go with his Collins 49er which was the winner of the Dayton Building Contest

last year. Bill says that this is just preliminary work on his part, and that he has an ace or two up his sleeve that he will not divulge until the contest at Dayton. He did tell me, but I am sworn to secrecy.

If you have any idea that you might want to go to Dayton, it will be worth the trip to see Bill's work, I guarantee you.

Ron from Santa Cruz was there with a neat project. He had built a neophyte receiver on a breadboard with point to point wiring. Ron is just getting started in QRP, and this was his first time at a NorCal meeting. He had no idea that there were so many that shared his interest and he promised to come back. (Ron also bought a 38 Special Kit).

Bob Tellefsen, N6WG, Ole Kenwood's master, had his LDG tuner in its new package, a modem case. Very nice work. Bob even told me that this is the first packaging job that he has been satisfied with, and it was a nice job. Check out the pictures.

Mike Gipe, K1MG, brought his prototype of the Counter/Clock Module. He was huddled with several guys, and I think there might be a neat announcement that is a new approach to a QRP kit soon. His goal is to have a prototype in close to the final form factor at the next meeting.

The counter has been successfully interfaced to the 38 Special, but will work with any rig with any offset. It will even work with the old tube type rigs. There will be a huge market for this one. Mike also says that he still thinks he can hit the target market at \$30. If he does, this will be one that I have to have several of for my shack.

Chuck Adams, K5F0, was at the meeting. He tried to tell all of us that he was out here on work assignment, but could it be a coincidence that Chuck's Texas team is tied with California in the big game? He is probably out here scouting and trying to weasel secrets from the California team. I heard him ask several of the boys about there operating habits. But the guys were pretty shrewd and I heard them talking about V Beams, Kite Antennas, Balloon Antennas, Rhombics on the top of Table Mountain near the Zuni Loop, and other assorted urban legends. I have never heard them mention those antennas when we have our secret strategy meetings via RTTY on 7.040. It was a pleasure to see Chuck again.

Samarai Sam Imai was here from LA, and he brought his 38 Special with him. We were looking forward to seeing one in a blender, but Sam did this one in a more traditional case. Sam is well known for his Swingline Stapler 501 Transmitter that he brought to Pacificon. He also brought his Cascade with a KC-2 digital display, and his St. Louis Tuner.

Vern Wright has put his 38 Special in a case made from extruded aluminum

and it has a slide in mount for the circuit board. Vern takes out 4 screws and the board and both ends come right out of the case. Handy for the mods that are popping up on the QRP-L.

John, KI6PU had his version of a Tuner from QST. It is a balanced line tuner that was designed by Zack Lau. John says it works very well and he likes the performance.

This meeting lasted until 1:30, which is about an hour longer than we usually stay. But there was a huge amount of activity. Guys were in groups drawing circuits, discussing that next "project", and just having fun. QRP Bob Dyer, KD6VIO was at the meeting and told me that he shipped 24 Sierras this week. The new boards are done and he is able to ship the back orders that he had built up when Wilderness ran out of boards. That is great news for the guys waiting on their kits. Bob has promised an article on the improvements that were made to the Sierra on this board revision.

Ori Mizrahi-Shalom was there and he was in constant demand answering questions about the 38 Special. I gave Ori a copy of the final manual, and we discovered that I had left the troubleshooting section out. What a bonehead mistake that was by me. Ori is going to revise it and post to QRP-L soon. Sorry about that one guys.

We had a great time at the meeting. If you are in the area, please stop and attend a meeting. Introduce yourself, and join in the fun.

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [10858] For Sale NC38S Kit
Message-ID: <1.5.4.32.19970203163820.0066d130@adsnet.com>

Gang . . . I have a NorCal 38 Special kit with all components still sealed in the plastic bag. Just too many projects and not enough time. Will sell for what I have invested \$28 ppd US mail.

72/3 Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Randy Foltz <rfoltz@wsunix.wsu.edu>

Subject: [10862] FOX: Feb 5

Message-ID: <Pine.OSF.3.95.970203085733.27668B-100000@unicorn.it.wsu.edu>

Gang, I'll be the FOX on Feb 5 from 0300-0500 UTC on or near 7.037 MHz.
I'll be running 2 watts from a Sierra into a Gap Titan.

Fellow westerners: I have heeded your requests for not starting so early
in the evening. Let's go out there and have a great hunt!

72,

Randy ex WB5QMP

AB7TK ARCI QRP-L NORCAL NWQRP ARS

Moscow, ID

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: wa5whn@juno.com (Jay D Miller)

Subject: [10813] From VE3JC John ,Worked all 12 Provinces 2 X QRP Award, Thanks
John

Message-ID: <19970202.204736.4447.2.wa5whn@juno.com>

Maybe we should have a TPTD (Twelve_Provinces in Twelve_Days), for
Canada, or TTTD (Twelve territories in twelve days) ??

From: VE3JC John <jbcumming@wwdc.com>

Subject: Re: FSFD/NM/QRP/QRM - FYI Canadian QRP Award

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: Bill Acito 03-Feb-1997 0850 <acito@asdg.ENET.dec.com>

Subject: [10841] FS: update, the St. Louis Tuner is sold

Message-ID: <9702031351.AA17543@us1rmc.bb.dec.com>

The tuner kit is sold, everything else is still available.

b

. - I own my own words -

Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA

qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [10818] FSFD - NC
Message-ID: <199702030442.XAA25886@mh004.infi.net>

Hi Gang,

Here is the FSFD summary for North Carolina. It was a lot of fun working at a very leisurely pace. NC, of course is not a difficult state to "capture" from many places, so I didn't expect a big pile-up. I tried as many bands as I could, thinking that some might be able to pick up NC on a band they didn't have.

I must be living right. The highlight of the day was when KA0KPY **SD** called me!! He was running 10W, so it wasn't quite QRP to QRP, but I'll take SD any way I can get it!! He said "QSL sure".

The blanks are not because the contact was incomplete so much as because I failed to write or failed to ask information.

BAND	UTC	Call	SENT	RCVD	SPC	NAME	PWR
40M	1757	K4NK	559	559	SC	LES	4W
	1800	WA1QVM	559	559	MA	JOEL	4W
	1804	N3LFC	559	559	PA		
	1808	KE4IZH	339	559	VA	RICK	2W
	1813	N8GR	559	569	OH	GARY	4W
	1818	W4ED	569	569	GA	BOB	5W
	1823	W03B	339	579	MD	BOB	150mW
	1828	WD9CTB	569	569	IN	JERRY	3W
	1837	K4WZ	559	57N	GA	RON	5W
	1840	W2DP	579	559	NJ	BILL	5W
	1845	AA8EB	559	569	OH	MIKE	3W
	1851	AG3G	339	559	PA	STUART	
	1855	WS4V	559	579	NC	CHAS	5W
	1858	WB3GCK	559	569	PA	CRAIG	3W
	1900	AC5AM	339	339	LA	BOB	4W
30M	1906	WA1QVM	339	559	MA	JOEL	4W
	1908	AC5AM	339	559	LA	BOB	5W
	1916	VE5RC	229	339	SK	BRUCE	5W
	1919	KA2DIV	449	539	FL	GRANT	25W
	1932	N9KI	559	539	AR	HOWARD	5W
	1944	W8EP	559	569	FL	DICK	100W
	1954	W1FMR	569	579	NH	JIM	
20M	2025	AB6QR	339	559	CA	DEN	2W
	2029	KC5VJU	559	559	NM	JIM	100W

	2035	KV7X	449	559	WA	JAY	5W
	2046	N6VZ	339	459	CA	GARY	5W
	2044?	W7CNL	559	579	ID	JACK	3W
	2058	KA0KPY	569	539	SD	WARNER	10W
	2109	W7KXB	559	569	AZ	BILL	3W
	2120	VE2BEE	569	559	QE	JEAN	5W
	2132	KF6GAB	569	569	CA	BILL	
	2138	W6EM	449	549	CA	DAVE	1W
	2152	K6JI	449	449	CA	DENNIS	5W
80M	0028	VE3JC	599	599	ON	JOHN	5W
	0031	AC5AM	559	559	LA	BOB	5W
	0035	VE3FGU	579	579	ON	MIKE	600W
	0057	W4ED	559	559	GA	BOB	
	0115	WT4G	559	559	FL	JOE	100W
	0125	KA5T	449	449	TX	LARRY	5W
160M	0137	W4ED	449	449	GA	BOB	5W
	0157	KS4HQ	559	579	NC	BOB	5W

cul,
 Bob Kellogg, AE4IC, Greensboro, NC
 Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
 From: Jim Hydzik <congress@magpage.com>
 Subject: [10866] FSFD CANADA DAY-volunteers needed
 Message-ID: <199702031726.MAA29774@alaska.magpage.com>

The Big White North.

This has been in the works since VE3GY's post in December and the date is finally set:

Feb. 18 Tuesday

Notice was actually posted last week near the end of the schedule but this is the 'offocial' request for volunteer operators from all Canadian sections.

There are a lot of you on the reflector and I'll schedule everyone that signs up. Don't care about speed, don't care about hours, don't even care how cold it is....just reply to this message and you're on.

Looking especially for 40 & 80M evening/night coverage, Jim K3QIO Delaware

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: ac5am@juno.com (Robert L Stolzle)
Subject: [10849] FSFD Sched. Suggestions es Blowout
Message-ID: <19970203.091517.8790.2.ac5am@juno.com>

Hello All QRP Lovers,

Someone asked for suggestions for scheduling for the FSFD. May I suggest some early morning time 1100Z to 1400Z on 40M and 80M. I know many of you are not morning people but these bands have been in great shape during that time. On my day as LA rep some of my best QSO rates were in early morning.

I have been working many of the FSFD reps but missed some because their entire schedule was at a time when I was at work. So please schedule some early morning time or late afternoon and evening time. The early AM times will also help those on the west coast. I am hearing 6's on 80M as I am writing this at 6am cst.

ICW the FSFD Blowout/QSO Party. I think its a great idea. Hope we can concentrate on 15M when it is open. Probably 15M is open more than we realize, just no one on.

72/73,
Bob, AC5AM AR-QRP #23, MI-QRP #1530, NorCal-QRP #1784
Natchitoches, LA
-----QRP-ARCI #9105, NE-QRP #504 & CW FISTS #2516
(oldest town in LA Purchase)
" Son of a gun, we'll have big fun"----- "QRP on the Bayou....."
Natchitoches Parish

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Serge Bertruzzo <103226.3635@compuserve.com>
Subject: [10854] Help- Re qrp and Kenwood TS850S
Message-ID: <970203154153_103226.3635_IHF56-1@CompuServe.COM>

Help!!! I want to try some qrp SSB (given the contest season is here again) and am having no success at reducing the power in my Kenwood TS850SAT transceiver.

While I am able to reduce the power to qrp levels in both CW and FSK (as I also operate QRP-RTTY) by using the carrier and power controls, when I switch to SSB (either USB or LSB) the power continues to be at approx 25 - 30 watts minimum.

Does anyone have any suggestions...Your help is appreciated...regards

Serge VA3SB

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Phil, K6LS" <k6ls@amsat.org>
Subject: [10831] hp 478a thermistor info????
Message-ID: <32F58DE5.3F6C@amsat.org>

anyone familiar with the Thermistor Mount 478A for the Hp 432 series of Power meters?

I have one, which I understand is good for 1-10kmc. However, I just noticed that mine has a Hp sticker that says:

Option H75
1 Mhz - 1 Ghz

can anyone tell me what this option is???

Thanks 73 de Phil K6LS

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Buck Switzer <n8cqa@tir.com>
Subject: [10851] HW-8 Headphone Output
Message-ID: <199702031534.KAA06491@tir.com>

Gang - The first mod you should make to your HW8 is adding a RS audio transformer (273-1380 \$1.69). This is a 1K to 8ohm transformer and just about doubles the output.

72/73

Buck Switzer, N8CQA, 654 Georgia Ave., Marysville, MI 48040-1243
Home:(810)364-9640, Work:(810)949-0151, Fax:(810)364-8179
n8cqa@tir.com, n8cqa@juno.com, am441@detroit.freenet.org

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [10815] IC Sockets
Message-ID: <19970202.212840.7407.1.kb0rol@juno.com>

OK, I got more than a few replies about using sockets - its OK to do. I was also told to get better quality sockets - looked through Paul Hardens Data Book - learned about Standing Wave Ratio and Standard Drill Sizes (US) but so far nothing on how to distinguish the quality of a socket - its probably in there, I just distracted easily by all the other neat stuff.

So tell me, 1- how do I tell a good one from a bad one and 2- where can I get some good ones? How are Radio Shacks? (I know its a loaded question but I can walk to two of em on a nice day and I don't know how many I drive by to get home from work and if not the Shack its mail order and more delays).

If you read this far and you think about it respond to bmug@gwl.com. If the shack wins I will buy some on the way home from work.

Thanks

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [10886] Info on 2SC2075 RF Power Trans?
Message-ID: <M29210228.014.1nx6f.1.970203203717Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Dan's Small Parts has a good deal on these transistors (2SC2075).
3/\$4.50 or 10/\$9.00.

Anyone have only specs on them? BVceo? Nominal rated power output & frequency? Case style (TO-220)? Typical power gain?

The NTE235s I have been using lately are nice devices: BVceo 65v, Po 5w @ 50 MHz, but they are a bit expensive. At \$0.90 each for 10, they are quite affordable.

- Dan Tayloe, KK7BD, Phoenix, Az; QRP1 # 696; Az ScQRPions

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [10822] KL Net, etc
Message-ID: <Pine.BSI.3.93.970202235229.17702B-100000@u1.abs.net>

Hi Paul,

Just a quickie to say hello. I meant to check the net earlier, but I got involved with the darn computer and email and forgot the time again. It was really tough with all the QRM and My local QRN Machine acting up also. Now I see why you guys want to move. Where did the beacons come from? I assume that is what they are. I hear one up around 7.011 SXA 33 but the one sitting on the net dosent give an id that I heard. All kidding aside about he Speech Recognition board, I seem to remember seeing a VOX type circuit that converted whistles to CW. I thought it quite intteresting that someone had actually made a circuit to do what I had thought of trying. I remember when I was trying too get my code speed up for the Extra ticket. I had a Doctor who was a ham, and a darn good CW man. One day when I was visiting him for my annual cold/flu thing, I asked him if he had any tips or secrets to help me get the speed up. He made me promise not to preform in public :-). He said that I should read street signs and things in code during my travel to and from work. (Not recommended if you have a non ham car pool :-). The way it is to actually make code sounds (Tones) or whistles verbally as you read off the signs. This also acts as reinforcement since you also HEAR what you SEND. I know this sounds a bit nutty, but trust me, It works. So, I thought why not a little op amp circuit and a filter and a relay driver and you can convert the sounds to CW. I saw such a KEYER in one of tthe BIG three Ham magazines this past year. What a KICK Idea. I guess we could go one better and buy a speech recognition program like th Kurtzweil Speech Recognition System and then speak into the microphone and have the words print out on the screen and then be converted to CW for transmission. Yea, Yea, I know we can do it easier with a straight key, but with this system, we can do our email on the keyboard and "Talk to Our Rigs" at the same time :-). You don't have to be crazy to work here, but it helps :-). Hope to see you on KL Net again soon. ObQRP DX- I worked ZS6/G3MXJ on 7.008.4 at 0435z 03/feb/97. ONE WATT from Maryland Using QRP Plus and the 80 Meter Horizontal Loop at 45 feet. Lots of BiG Guns in the fray :-). Ain't QRP GREAT?

72 es 73, Danny

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: lhalliday@creo.bc.ca (laura halliday)
Subject: [10892] Laura did Dallas
Message-ID: <199702032347.PAA08049@BC.net>

Just wanted to drop a note of thanks to the Nortex QRP folks for their hospitality! Special thanks to Chuck K5F0, and to everybody else for not falling asleep (or running screaming from the room) while I talked about Canadian licencing, making little bitty toys from little bitty surface mount parts or how to make switching ICs think they're mixers.

I now also find myself in posession of a 38 Special kit, and have the bits lined up for 5 watts worth of IRF510 power. My initial inclination was to build one in my hotel room from the schematic on the NorCal web page (Tanner Electronics had all the bits - even the crystals), but things change... :-)

By the way - people who want to change the power output of their IRF510s may want to investigate varying the voltage to the drain. Class D amplifiers are saturated - the MOSFET is acting like a switch, opening and closing at radio frequency - and changing the drive level may not do much.

My order will be on its way this afternoon for a TiCK chip. Or six - I assume I'll have no difficulty giving some away at the next BC QRP meeting.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.com	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [10887] NC38S Kit SOLD
Message-ID: <1.5.4.32.19970203231420.00665a74@adsnet.com>

I had 7 people show an interest in the NC38S kit I posted this morning. I waited until 4:30PM and had a co-worker draw a name. I have Emailed the winner. Thanks to all that replied.

72/3 de Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Larry East <w1hue@amsat.org>
Subject: [10871] Need Tuning Diodes
Message-ID: <2.2.16.19970203180254.21776316@eloi>

I need a couple MV209 and/or MV2105 tuning diodes for one of my projects. I know that they are available form Newark, but I don't need enough other stuff at the moment to meet their \$25 minimum. So -- if you happen to have a couple of either or both and are willing to part with them, I'll gladly reimburse you for the cost of the parts plus postage.

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Jeremy Cowgar <jcowgar@villers.com>
Subject: [10847] New TenTec on air, sorta. Final not working?
Message-ID: <01BC11B7.55ABEFB0@jcowgar.villers.com>

First off, let me say that this has been a frustrating kit. Not because =
of the kit itself, it just seems as if luck was not with me on this one. =
First, after building all the necessary circuts for the reciever, of =
course I wanted to see what she did. I could not get anything out of it, =
but that was very late at night and I could not get anything out of my =
HF rig either, so I figured I'd continue and see what becomes of the =
reciever tommorow when the band is open and their is some activity.

About noon I got the transmitter stages done. Man, when I key up their =
was a horrible hissing noise in the speaker. Hum, digging around I found =
that I had forgotten to solder the ground plane side of D9. I was amazed =
that just doing that simple step took 100% of the hissing away. Now back =
to the receiever. Still could not get it working. Check my HF rig, the =
band was up and active. Fighting, Fighting, and fighting with it I =
finally figured out that I had a bad piece of coax connected from the =
rig to the antenna tunner. Hooked up a good one, and there she went. =
After a few minutes of tuning, it was a crowded radio :-)=20

However, during these times I managed to transmit a few times. Noticing =

my watt meter (lowest scale is 30watts) moving between 2-4 watts. After =
it was all tuned up and working proper, I noticed that my watt meter =
was barely moving. Ah, no! What happened now. I don't know, and that's =
why I asking for some help. I hooked it up to a dummy load, measured the =
voltage on the dummy load with a rf probe and a o-scope and computed =
that I am outputting about 35 miliwatts. Strange that the driver puts =
out around 32mw. Is my final not working? I checked everything a fourth =
time to make sure it was all installed properly, then checked with my =
multimeter every transistor and diode in the final stages. All passed =
the tests. At that point, I went to bed and here I am.

Does anyone have any suggestions where to go to next? I did not check =
the torids because at one point I was getting the power expected. =
Something else that worries me is the fact that my coax was broke and I =
transmitted quite a few times. It would have been exactly like =
transmitting with no coax installed on the rig, which of course is not a =
suggested practice :)

Any help would greatly be appriciated.

Jeremy N. Cowgar - jcowgar@villers.com
Villers Enterprises, Inc. - VEI of Ohio
7845 Wales Ave. NW.
North Canton, Ohio 44720

Phone: 330-305-0922
Fax: 330-305-0822
URL: <http://www.villers.com/>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: drowe@juno.com
Subject: [10835] NG ANTENNA
Message-ID: <19970203.064925.11191.2.drowe@juno.com>

I lost the adress of the fella that saw the antenna at the National
Guard.

so I'll send this to the whole list hope he gets it and sorrow for the
bandwidth.

I believe what you saw is a TD2F broadband dipole.. It is similar to
those so called broadband folded dipoles sold by B&W. The apparatus at
the fed point is indeed a matching transformer. and the tube in the top
wire is a resistor. these things are use in commercial hf setups around

the world. They offer bandwidth but are very ineffectual, but that doesn't matter if your pumping kW's into it. They usually tune with an SWR of less than 2:1 from about 3 to 30 mhz.

73 dave , kc1di

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Jon Iza <ea2sn@jet.es>
Subject: [10834] One Nils on the list is enough!
Message-ID: <32F644AF.58C0@jet.es>

Gang,
Subject says all! You have to remember that this is the Internet and reaches all the globe. Although I consider my American English fluency has increased greatly after reading Nils posts, just one is enough. If all people on the list starts mumbling and using phonetics, on top of the acronyms you americans are so used to, then the rest of the world will "fight" back posting inside jokes in different languages and, then, this is going to be fun! ;-) ;-)
BTW, I too know how to take notes and kicking ass.s of those p.ncil n.ck g..ks! :-) :-) :-)
Ob. QRP: 1) I'm going back to my 38S, to iron out some nasty 8 MHz signal sneaking from the 5 W amp. 2) My article about the 38S for the Spanish ham journal "Radioaficionados" is ready. 3) Now I will start with the translation of the manual... How fun!
Be well.
jon, ea2sn
--
Jon Iza ea2sn since 1978 qrp'er at large! <mailto:ea2sn@jet.es>
** One's needs are proportional to the square of his/her incompetence **
URE - ARRL - DARC - VERON - ARI - WIA - NZART - AMSAT-UK - TAPR - IDRA
EAqrp 26 = Gqrp 1216 = ARCI 5153 = qrp-L 313 = NorCal 701 = ARS 202

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Jerry Parker <jparker@fix.net>
Subject: [10830] PhotoPC Camera
Message-ID: <2.2.32.19970203080321.0082f984@fix.net>

FS: Epson PhotoPC in original box. First \$325.00 offer takes it.

If you have viewed the pictures on the NorCal Page then you have viewed pictures taken by

this Camera.

This is a really great digital camera.

72,,,Jerry...K

Jerry ... WA6OWR ... K

The NorCal Page

<http://www.fix.net/norcal.html>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: "Jeff M. Gold" <JMG@tntech.edu>

Subject: [10848] portable operation

Message-ID: <01IEZ2JPSU4I8WWNWE@tntech.edu>

Howdi,

Just got back from Pickett State Park, about 60 miles north of my home QTH in Cookeville, TN.

Got rid of my teenager for the weekend, and the XYL is super-supportive of my play time :-)

most of the packing of the car was my ham gear.. have a 1996 Accord and luckily the back seat folds down to allow transport of helically wound verticals.

I went over my supplies a few times, and even brought the charger to charge the gel cel. Had a real nagging feeling that I forgot something crucial. Got to the Chalet about 6pm and unpacked. 1 trip for all food and clothes, about 6 for radios and associate gear.

Went immediately to setting up the vertical.. first thing I noticed that some of the PVC supports were not in my carrying bag (custom made by my XYL for the verticals-30,40,20). so I used the top sections of the other bands to set it up.. one problem solved. well got the radio and such hooked up.. had a set of Whitebrook plastic paddles and a small keyer.. and the paddles made it unbroked.. went to hook the rig to the vertical.. no coax.. well I

knew I forgot something :-)) I had been experimenting with 2 meter SSB/P and had the sections of PVC and coax with it. Gave a sigh and packed everything up.

Got up the next morning.. realized that stuck in my bag I had a very small portable 20 meter dipole. got out the trusty spark plug to get the wire in the trees and about 1/2 hour later I was on the air. Think there must have been a solar flair or something because of the way the bands seemed to be (noticed it when I attempted to do FSFD on Friday). Seemed to have direct link to Colorado.

Well for the heck of it.. during one of my operating sessions between long hikes, tuned in 40 meters.. it was coming in strong. The SWR was equal forward and back power according to my Argosy II meter. Ten Tecs don't seem to care about this. The last morning.. I got on 40.. found a signal on CW, made sure the power was at 4 watts and answered the call.. spent about 1/2 hour talking to the guy on a small 20 meter antenna.. no tuner.. and he reported I had an excellent signal. Maybe next time I will just power up the grill in the back of the Chalet :-))

73 de Cookeville, TN
Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Doug Hendricks <ki6ds@telis.org>
Subject: [10827] QRP-L TroubleShooting Contest
Message-ID: <32F57A94.11DA@telis.org>

Friday, I alluded to a technical contest that would appeal to the technical gurus here on the list. Chuck Adams and I were talking on the phone the other night, and I mentioned to him that I was going to get my RadioKit QRP rig back from a friend who had worked on it for 2 1/2 years! It still doesn't work. He had worked on it every week, and finally had to give up on it. I mentioned to Chuck that I only knew of 3 of those kits that worked, Preston Douglas, Pete Hoover, and Charlie Fernweger all had working kits, but no one else that I knew of had. Chuck mentioned that he had worked on one for 3 months himself and finally threw in the towel and had given up. We talked some more, and we have come up with another contest.

Chuck will take a list for 24 Hours from the time of this posting for guys who want to take part, just send him a message that you think that you can get the RadioKit QRP rig going. He will put all of the entries names in a hat, and draw them out and post the order of the list to the net. I will ship the rig with the documentation to the first name on the list. The entrant will post to the net when he receives the rig. He will then have 7

days to fix the rig. Daily progress reports will be posted to the net as to the progress of the mission. If he succeeds, he wins a brand new TenTec 1340 QRP Transciever kit from Doug and Chuck. The rig must work as advertised in the docs. All parts are there. Each entrant will provide parts as needed to fix the rig, and will document everything tried. If you blow up a part, you replace it. If you fail to fix the rig, you post to the net that you have had your shot, and you have mailed it to the next guy on the list, again, at the expense of the entrant. The kit must be mailed via Priority mail.

If you think that you have the rig fixed, you will mail it to Chuck Adams, who will make the final decision as to your success. Chuck will then mail the rig back to me, and I have a special place for it to go when it is fixed. This one will make the winner famous. Why you might even be invited to sit with Nils on the front porch next to the washing machine and wait for the mailman to bring his kit. Cindy might even bring you some of her famous Ohio Iced Tea.

72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Marcus Harton <mharton@freedomforum.org>
Subject: [10856] Reverse Polarity Confession / Plea
Message-ID: <3.0.32.19970203111943.006a29d0@freedomforum.org>

Enough time has gone by that I can talk about this in public without turning red. I'm talking about the hardest lesson I ever learned about kit building: Double-check power connections BEFORE turning anything on.

About three years ago, after completing a Radiokit 20 Meter Travel Radio project, I hooked it up, turned it on, and for the first time in my life, heard the sound of a transistor exploding. It was the power regulator that blew up. Damage control detective work revealed I had applied reverse polarity to the rig. Suffering from extreme embarrassment and denial, I put the rig in a drawer and did my best to suppress the memory of the event.

I got it out over the weekend and replaced the regulator. With correct polarity applied (you'd better believe it,) I can hear a scratching sound when I scrape the antenna connector with a screwdriver, but not much more. It seems likely I have fried multiple components.

My reason for airing this sad story before the group is my hope that one of you has a schematic for the 20 Meter Travelradio with test voltages on it. Not only do I have to repair the reverse polarity damage, I also need to look for other novice kitbuilder mistakes. I would be happy to reimburse duplication and postage costs.

Thanks & 72,
Marcus AE4EX

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Ed Pacyna <pacyna@auratek.com>
Subject: [10865] Reverse Polarity Protection
Message-ID: <3.0.16.19970203121732.36a7400a@galaxy.auratek.com>

Here are two very simple circuits for reverse polarity protection that will keep your gear from destructing.

1. + Power Source----->|-----Circuit

Note: Size diode to handle expected circuit load. There will be a slight voltage drop with this circuit equal to the V_f of the diode.

2. + Power Source----Fuse-----Circuit



Note: With this circuit, the fuse will open if voltage polarity is reversed. The advantage of this circuit is that there is not a V_f voltage drop. This circuit is very easy to implement. Connect the diode at the power connector and use a power cord with a in-line fuse.

Ed, W1AAZ

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Dave Adams <adamsclan@netgate.net>
Subject: [10804] Silent Auction Results....
Message-ID: <32F548FF.5CBB@netgate.net>

Well good news and bad news...

The good news is that a bidding war started on the tentec regen kit before the auction even officially started....Bidding was fast and

furious between these two gents and it ended up going to someone who REALLY wants it...

The bad news...the guys I was targetting for the kit, balked when they saw the bidding occurring....

The other good news...the daughter of the guy who bought it goes to the same class as Brittany, so we may have another ham in the class (I never did get to talk to him...have to mend that!)....

73 de dave, n9uxu

Oh...and the food was good...

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "William R. Colbert" <V31XE@dzn.com>
Subject: [10843] strange antenna spotted
Message-ID: <32F614B0.2926@dzn.com>

Re: rod's post on the antenna at the National Guard facility. What that sounds like is the B & W 3.5-30 Mhz dipole. It is 90 feet long, spaced approximately 1 foot between the top and bottom wire. The white pvc item that the coax is connected to is a balun, as I remember, about a 15:1, maybe 12:1. Reason for that is that the top pvc is a non-inductive

900 load resistor, and the balun is to help the radio see some semblance of a match across the HF spectrum. Rated figures for SWR are 2:1 or less across the design spectrum. The poorest response area is 11.9-13.1Mhz. The antenna is the commercial version of the T2FD, which was originally devised by Gil Countryman(W3HH?) and first described in the amateur pubs (CQ and QST) in 1948-50 time period. Because of the broadbanded response, the B&W antenna is popular with many government and military users. When given a choice tho, I would always opt for a long wire type antenna fed off my auto-tuner rather than the B&W as performance seemed better. I have used that type antenna at home on the ham rig and again prefer to use other wire type antennas as they seem to perform better, such as the dipole with 450 ohm or open wire feeders or sloping vee, etc. Yaesu and SGC also have versions of the antenna and is designed again for the commercial/government user. Do we see big \$\$\$ here? \$200-300 range, depending where and which brand you select. Hope that answers your question.

Ray.

--

Ray Colbert, W5XE, SOWP 1064M, FISTS 2146
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: ka7you@juno.com
Subject: [10833] Strange antenna spotted(long) at Gov. facility
Message-ID: <19970203.011516.6591.30.KA7YOU@juno.com>

To the antenna buffs.

I was driving past a National Guard building this weekend and spotted what I thought was a fairly wide spaced folded dipole, obviously for low band HF frequencies. After a second look, it seems to be something slightly different.

Two strands of wire were separated with spacers by 12 to 18 inches, and the total length between the support ropes was estimated to be about 60 to 80 feet. The coax feedline was attached to the middle of the lower strand, via a 6 or 8 inch diameter version of the common white plastic HI-Q style baluns, but the odd thing was that the upper wire was also split directly above the feedpoint, and a white plastic cylinder (insulator?) was inserted there.

So far it looked like a balun fed dipole, with the ends folded back upon itself to the middle (insulator?); but I could see more wires in the middle. I was able to get to the edge of the building (across a non fenced grassy lawn) and could see what appeared to be connecting wires from the antenna terminals on the lower balun to the corresponding points on the upper wire where it attached to the upper center (insulator?).

If in fact the upper (insulator?) was just that, then each side would have been a continuous loop of about 18 inches by 30 to 40 feet, but only connected to one terminal of the center balun. If the upper (insulator?) was a coil housing, then we would have two loops as before with a coil essentially attached across the feed point on 18 inch leads (the width of the parallel wires).

There were only two items that I felt that were not readily apparent from my ground inspection. One was if it was in fact a balun at the feedpoint, and the other was whether the upper center cylinder was housing a coil, or other conductor. It had eyebolts coming out of each side like the lower feed line device, but could have been even housing a trap of some sort, I guess.

This whole arrangement was only a few feet above the roof of a one story building, so I got a pretty good look at it.

Obviously, I was really curious, and my very tolerant wife said something to the effect of "Did it give you any ideas?" My response was "No, but it did raise a couple of questions".

So, what is it!

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz

NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Dave Adams <adamsclan@netgate.net>
Subject: [10803] The 8 is just plain fun
Message-ID: <32F5481B.6CB0@netgate.net>

First and foremost, I've never used a DC receiver before (well...not an unmodded one to prevent the image)...it's been interesting. I'm having a ball. I do see one benefit to it, though...you get TWO chances to notice the signal as you are scanning through the band...then just zero and move up. It does make the band seem a LOT more crowded though...and I've given up on finding a truly empty spot (images...). However, it's a good exercise as I am learning to pick out signals better and better and worked a few folk I would never have even tried before...

The highlight of the day though was when I was dialing through the SSB freqs...heard ko6sy in grants pass, OR give a call. I'm sure you've all done this before, but I never had and figured it was worth a shot, so I answered his SSB CQ with CW...what a guy! He asked me to slow up a bit, but carried on with the qso (and he has no cw filter in the rig, so it was noisy). We chatted until another sidebander started asking for audio checks...I was fading anyway so it was a good stopping point...he seemed impressed that I was using only 4 (or whatever...I'll cal and measure at some point) watts...I never even told him I was using a dipole taped to the wall inside the apartment!

Ah well, tomorrow I'm putting up a mass for the Isolooop and will hopefully fix the receiver on the Cascade (I think I've got it licked but need to get the tranny at fry's...).

73 de dave, n9uxu

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [10855] Tool needed
Message-ID: <1997Feb03.110800.1619.92049@ntserver.panasonic.atlanta.com>

I realize this is not directly related to QRP but as this is a very technically oriented group I was hoping you could help. I am looking for a five point driver similar to the torx drivers. Any help is appreciated.
72 de K4AH Steve

Steve K4AH
QRP-L # 555
NNNOONT

```
*****  
Steve Holland                      MCC Panasonic  
sholla@panasonic.atlanta.com      1225 Northbrook Pkwy  
Phone: (770) 338-6197             Suite 2-362  
FAX:   (770) 338-6238             Suwanee, GA 30174  
*****
```

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Bruce Rattray <rattray@siast.sk.ca>
Subject: [10867] VE foxes?
Message-ID: <1722271103021997/A26769/RIEL/11B21ADB0F00*@MHS>

I wonder John (VE3JC) if there would be any interest in scheduling VE foxes via e-mail so as to help anyone interested in obtaining RAC's QRP Award?...I don't even know if VE qrp foxes could be found in each province/territory (I would think & hope so) but so far I know there are regular qrp ops in Ontario, Saskatchewan and British Columbia, just from observing e-mail...I suppose as always it would take someone with the time & e-mail access to organize it and get it promoted...do you know of any Canadian qrp clubs and if they might be interested in this?...just a few thoughts John...73 Bruce (VE5RC) QRP-L#886 "ORP! How sweet it is!"

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: tjnunley@wf.net
Subject: [10824] Where do I?
Message-ID: <Pine.LNX.3.93.970202231859.26390A-100000@kali.wf.net>

Nope, I ain't a ham yet... I have been lurking and learning. I was just wondering what or where is the best place/procedure for learning CW? Could you recommend a source for learning code?

Tommy J. Nunley	---	tjnunley@wf.net
he797@cleveland.freenet.edu		WICHITA FALLS, TEXAS

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Marcus Leatham" <leatham@nortel.ca>
Subject: [10882] WTB: 38 Special
Message-ID: <199702032126.QAA71320@nss2.CC.Lehigh.EDU>

Please pass info about buying a 38 special kit and TiCK for a friend. Later, I'll want to collect modification info on high power PA, etc etc. I just found out my friend wants to get one, so I haven't been following the discussions.

Thanks, sorry to bother everybody.
Marcus KR5N

leatham@nortel.ca

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: NilsBull@aol.com
Subject: [10888] Yeeeehah! La llegada especialmente esperada
Message-ID: <970203165353_-1777866099@emout02.mail.aol.com>

Well, get the dawg offn the porch and unplug the washin' machine. Hit's tam fer me ta fair up the slobberin' aron an git ta bildin' thischeer ray-dee-oh!

Two colors on the front cover of the instruction manual! Are you guys nuts? Not only is that super foxy graphic sense, it's downright hick-spensive.

But before I begin, I must hide the cap-n-ball .36 and the axe and the big steel pole what I use to whup stuff what really hacks me off. And get a double dose of medication. And set up a special altar to the sacred badger of altered inductance values. And go into the sweat lodge so I can sweat big time hurry up. And then I think I'll be ready to start. Maybe.

Them what says this radio's worth more than a skimpy \$25 is right.

Yeeeeeeehah!

73

Nils

WB8IJN +c

... should I really put in the QRO mod? Or should I maintain a strictly vegetablearian diet and go for the <.5w level? Who know? Who cares? Yeeeehah!

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: n5zgt@swcp.com (Brian Mileschosky)
Subject: [10814] Young QRPers!
Message-ID: <199702030405.VAA27538@kitsune.swcp.com>

Hi Matt,

Name here is Brian...I'm 17 years old! I see you just subscribed! Welcome to QRP-L! I just ordered my 38 Special and should get it in about a week. Lot's of nice people here...don't hesitate to use them if you have any questions! We all enjoy helping each other out whenever we can!

I hope to work you sometime on 30 meters...say 38 Special to 38 Special??
72,
Brian, N5ZGT

PS - Any other young QRPers out there? Oops...I forgot...you are all young!
:) Any other teen QRPers out there?

> My name is Matt. My age is 16 years old. My call is AE4JM. I am
>just now getting on the internet and getting an email address. So I
>just subscribed to QRP-L last night and this morning I had 31 messages
>waiting for me.

Boy Scouts of America	Amateur Radio - N5ZGT
Eagle Scout (12-6-96)	ARRL QRP: NorCal# 1700 QRP-L# 580
JASM - Troop 41	Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Matt <cnw@HiWAAAY.net>
Subject: [10809] Re: 38 Special Mods/38mod.txt
Message-ID: <32F5B867.3CF0@HiWAAAY.net>

CHARLES K BROWN wrote:

>
> I have saved and edited most of the 38 Special mods in a file called
> 38mod.txt. (from the last 1000 messages or so)
> Not all the files are included, but most of the important ones with
> specific information on the 38S are in the file.
> Ask for 38mod.txt

>
> Ken Brown, N4SO
> QTH Near Mobile, AL
> QRP-L #622
> n4so@juno.com

Hey Ken,

My name is Matt. My age is 16 years old. My call is AE4JM. I am just now getting on the internet and getting an email address. So I just subscribed to QRP-L last night and this morning I had 31 messages waiting for me. I would like to get the 38mod.txt file from you if it is not too much trouble Ken. I really like QRP es homebrewing. So far I have completed the NorCal 49'er, the Ramsey mini-rcvr for 40 mtrs-cheap kit-Hee Hee!, the NorCal 40A with KC1 installed, Dave Benson's SW-30, and I know am fixing to start working on my 38 Special wich I received this week. So Ken I would really appreciate the mods. Tnx a lot Ken.
Best 72/73 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [10880] Re: 38s help with TX.
Message-ID: <199702032030.0AA16697@multi13.netcomi.com>

Good progress, John.

My guess is that you have the turns on L1 in the wrong direction. Removing them or rewinding in the other direction should help.

Is the tone steady or unstable? Unstable might be an oscillation in the audio filter U5. Make sure all the resistors and capacitors are tight to the board with no extra lead length. Also, double check the solder joints on those parts. Steady tone might be a problem with the sidetone generator, U4D and U4E. Is D8 installed in the correct direction? Backwards might cause a steady tone.

Mike K1MG

>
> Ok Gang,I got some kind of output from the 38s,but it is
> at 10.139.
> I cant seem to lower it at all with TC2. I will remove the turns I put
> on L1 and see what that does. I still have that tone running all the
time,
> any ideas where to look?

> Thanks much
> John
>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: WB5RUE@aol.com
Subject: [10885] Re: 7555/What is it?
Message-ID: <970203140213_204923654@emout10.mail.aol.com>

In a message dated 97-02-03 13:30:40 EST, dhhogan@lightside.com (Dan Hogan) writes:

- I have been looking for a minimum component, easy to build code practice oscillator (for a code class project). Needs to run on a 9V battery. I
- found a circuit that fits the bill in the Radio Handbook, by Orr. The IC is
- a 7555 is this the same as an NE 555? Other circuit that fits the bill is a
- 555 in the ARRL Data Book listed as 12+ volts.

- QROob: Just finished building a ZM-1. Neat little QRP matching unit. Using
- it on my OHR-400. Much more noise reduction than my old MFJ-941.

- 72/73
- Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
- dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
- Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

A 7555 is a CMOS version of the NE555. The pinouts are identical and are usually a direct replacement. The only real difference is that the output of the 7555 can't sink as much current as the NE555. Other than that it is an exact replacement. It should work fine on 9 volts.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [10870] Re: Antenna suggestions: Loops
Message-ID: <Pine.OSF.3.95.970203124040.5747A-100000@saturn.acs.oakland.edu>

On Mon, 3 Feb 1997, SEAB&SHARON LYON wrote:

> Even if you get the chance to put up other antennas, you'll never abandon
> the loop!

I've worked Seab several times in the Fox Hunt and FSFD. He has a big signal up here in MI.

I *really* want to get a loop up but my goofy location makes it difficult. Here are some questions for the LOOP EXPERTS. Reply via email as antenna questions kind-a skirt QRP requirements, I'll post replies...

- 1) Does a loop need to be "cut" for a particular frequency or can any random but greater than .25 wavelength work with a tuner?
- 2) How does a tree limb affect the antenna if the wire touches a limb?
- 3) How low is "too low?"
- 4) How terrible would it be to use 100' of good coax to feed the loop?

I need to do this to avoid the power lines that run 25' behind my house, even though our property goes 200' beyond the power lines into the woods, and there is NOTHING (just a pretty meadow) beyond that.

All comments deeply appreciated.

73! =paul= W8KC

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "DANIEL DOBSON" <DAN DOBSON@msn.com>
Subject: [10799] RE: Badger Traps Rx
Message-ID: <UPMAIL02.199702030056170067@msn.com>

"Clark...that dog's got a 'lil bit a Mississippi leg houn' in him"
...Eddie in National Lampoon

Xmas Vacation

From: owner-qrp-1@Lehigh.EDU on behalf of NilsBull@aol.com
Sent: Sunday, February 02, 1997 1:06 PM
Subject: Re: Badger Traps Rx

You have to put a small jigger of rabbit venom on the front porch next to your washing machine and sit there for two nights with a couple thawed (important stuff, this thawing) zebra marshmallow lizards in your lap. Try to hold them there as if you were holding a double-barrelled 12-guage but without the stock. Then, on the third night, let the lizards into the house and go back out to run some underwear through the washer. Stop at the spin

cycle, bring the lizards back out, run around the house three times counter-clockwise (relative to true north... not the magnetic declination bit) and stop at the back door when you're done.

That usually does it. Sometimes you have to dress the lizards in cut-out-doll clothes, but most of the time they're happy to run around nekkid.

If that don't work, you'll have to play the CD cut of William Burroughs reading his short story, "Where He Was Going" (on "Dead City Radio") at midnight to the lizards. Much big juju that one, sahib.

Oh, one more thing: don't let the dog drink the rabbit venom. It just makes 'em mean.

73

Nils

WB8IJN +c.

... and over here, a little shrubbery....

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: ka7you@juno.com

Subject: [10807] Re: Builders

Message-ID: <19970202.184501.6591.0.KA7YOU@juno.com>

Stan,

You don't get the big picture do you! You can't possibly get the award, because you can find and identify the projects on your bench. I have seen many, including my own, where the top layer has more projects than you list; and on some benches, the bottom layer is beyond reach. Then there is the "other" bench... You will have to stack things a little higher to even think of qualifying.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz

NWQRP#120 ARCI#7251

QRP-L#844

On Sun, 2 Feb 1997 08:58:49 -0800 (PST) Stanley Wilson <microres@crl.com> writes:

>I have several non-38s projects on the bench. All most all of my
>stuff

>is non-kits. However, I do like to obtain the PC boards from FAR
>circuits and use them in my projects if possible. So whats on the

>bench.
>
>1) A beacon controller. This uses ve2iq's dsp ckt (arrl hb), a 8051
>uP
> and lots of relay and led displays. Sort of work in progress. I
> just keep adding circuits. Beginning to almost look finished.
>
>2) GPS receiver. Using a motorola engine and wire wrap circuit.
>This will
> be apart of my CCW project for frequency control. Will use the
>Showtime
> software. I plan on adding a LCD time display.
>
>3) I have a NW8030 which I am putting in a new case.
>
>4) I also have a 49er which I am redoing. Improving, maybe.
>
>As you can see my workbench could win the messy not finished photo
>contest.
>So what are you all doing ? Any pure homebrew projects in the works
>by
>anyone.
>
>de stan AK0B
>
>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "dpuckett" <dpuckett@erinet.com>
Subject: [10884] Re: Builders
Message-ID: <199702032152.QAA16095@erinet.com>

At 10:50 PM 1/31/97 -0500, Gary/N8AYY wrote:

>Isn't anyone building anything other than the 38S? Ok, I ordered one
>myself and hope to receive it next week when the next shipment goes out,
>but it seems like someone must be building some homebrew/commerical or
>other radios out there, so please post to the list.

Weel, I'm a workin' on a NE40-40. You remember them don't ya? Our pal
Dave Benson's little masterpiece. Any hoo, he wrote the thing up to QST a
few years back. I got a PC board from FAR Curcuits. I been gettin' parts
here and there and a solderin' 'em in. I got the RX goin' last night.
Hears pretty good. I got all the parts on board for the TX, I just need to

tune the thing. Just in time for FYB0.

Ouch, ouch, that soldering iron is hot!!!

Dan WD8AAU
dpuckett@erinet.com

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [10874] Re: DX on 15M sunday
Message-ID: <854993097.629819.0@gqrpclub.demon.co.uk>

Worked VK6 on 15m CW with 2w to my Cobweb antenna at 32 feet a few weeks back and through contest qrm at +++. So, maybe good times are a-coming!

Have fun.

---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web sites: <http://www.gqrpclub.demon.co.uk>
<http://www.geocities.com/CapeCanaveral/5179>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [10821] Re: DX QSL Help
Message-ID: <Pine.A41.3.95.970202220411.55372A-100000@hector.NMSU.Edu>

I also worked the ZS6 tonite and need qsl info. The LOGIC qsl mgr list and QRZ CD doesn't list anything. Thanks.

Tim AB50U

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [10825] Re: DX QSL Help
Message-ID: <Pine.BSI.3.93.970203001750.17702C-100000@u1.abs.net>

I guess we can just use the G3MXJ address. If I can find a DX Callbook

around here. Maybe some oone will have pity on us and help us out :-)
HOPE CUL Danny

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789
On Sun, 2 Feb 1997, T. PETTIBONE wrote:

> I also worked the ZS6 tonite and need qsl info. The LOGIC qsl mgr list
> and QRZ CD doesn't list anything. Thanks.
>
> Tim AB50U
>
>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [10872] RE: FDIIM and Wayne Green
Message-ID: <199702031823.LAA25060@orion.ditell.com>

Gang:

In the Feb. 97 issue of 73 magazine, there are several exchanges with Wayne Green about Dayton. On page 83,

Our Bruce Muscolino, W6TOY/3, commented about the success of QRP at Dayton, and extended an invitation to Wayne to attend.

Wayne's response: "How can I pass up a free meal? Meanwhile, Bruce, the more articles I can publish on QRP, the bigger turnout you'll have, so let's see articles on QRP rigs, reviews of kits, and so on. What's the best backpack antenna...Wayne"

Ok, would be publishers, Wayne has made his intent clear...Who will try an article for the first time?

73, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: kd1jv@juno.com (Steven Weber)
Subject: [10883] Re: FDIIM and Wayne Green
Message-ID: <19970203.163459.4847.4.KD1JV@juno.com>

>Ok, would be publishers, Wayne has made his intent clear...Who will
>try an article for the first time?
>

I've written up a couple of projects for *73* that were published. It's fun to see your name in print (especially the first time) and handle all the mail it generates. Some times years later.

It can take a while before your article is accepted and it actually gets in print (up to a year!) It can also take a while before your paid for the article. (It's not the money, its the princable, they offered to pay, so I expect to get paid. Maybe I've been the exception and others have had good luck)

A few tips,

Good clear computer drawn and printed diagrams and schematic are a big plus. Ink jets are okay, laser best, dot matrix, throw it away! They don't like to redraw hand drawn pictures if they don't have too. That really slows them down.

If the project uses a pcb, include the artwork.

Put the text on a floppy disk. (3 1/2") They don't like to re-type in text. Include the text printed out in 12 pt or double spaced. If they can't read it quick, it gets canned. If it's hand written, it gets canned real quick. Spell check.

I'm sure you have all read enough articles that you know the basic formate.

If at all possable, include some good pictures. If you don't have a camara with a good close up or zoom lens, a local photogapher might do it for you, but they charge a fair amount to do so.

They like "quickie" projects, one or two pages long. Ones that take 5 magazine pages better be good. Longer articles usually don't make it.

If you offer a kit for your project, expect to be busy for a while. Make sure you price it so you at least brake even.

Your article should be complete and all info included. First drafts also get canned. Put everything in a file folder with your name and call and name of project on it. You want to make it easy for them to keep everything together.

Good luck. Flood Wayne with good projects. I've been getting bored with what's been in there lately. Liven things up a bit, will yah?

de KD1JV, Steve in NH

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Dana Michael <damichael@amp.com>
Subject: [10868] Re: For Sale HW-9+WARC and HW-99
Message-ID: <199702031740.MAA88003@nss2.CC.Lehigh.EDU>

Dana Michael wrote:

FOR SALE:

HW-9 with WARC pack and manuals, some scratches on the case \$285.

HW-99 and manuals, some scratches on the case \$285.

This is a "large, HW-9 like xcvr".

It runs 50 watts on 80,40,15,and 10 Meter bands with built in AC power supply. Heaths "Novice" rig.

Any one interested, please call 1-717-810-2891 between 6:30 AM EST and 3:30 PM EST or 1-717-896-3973 between 4:00PM EST and 10:00 PM EST.

Thanks, D. A. "MIKE" Michael W3TS

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: The Great Pumpkin <pugrad@mill2.MillComm.COM>
Subject: [10812] Re: FS: St Louis Tuner, TS130 remote VFO, other stuff
Message-ID: <Pine.3.89.9702022156.A12779-01000000@mill2.MillComm.COM>

Bill,

I'm interested in your unbuilt St. Louis Tuner kit... Would appreciate it if it's still available, that you would put it on hold for a couple of days.

I have an offer outstanding on another one and haven't heard back on if it's still available... if it's gone, I'd jump on yours!!!

Let me know the status.... I won't drag my feet either...

72 / 73 KG0ZT Dave Cary - Rochester, MN (ARRL VE)

```
#####  
#####          pugrad@millcomm.com          #####  
#####
```

On Sun, 2 Feb 1997, Bill Acito 02-Feb-1997 1404 wrote:

```
>  
>  
> - TS130SE:I found someone who was interested in the rig only,  
> so accessoires are now available. For those of you with TS130V's,  
> I have the following for sale:  
>  
> VFO-120 remote vfo $100  
> AT-130 manual mobile Tuner $ 75  
>  
> I also have the manual AT230 Tuner, which matched the larger 520/830  
> style radios, $100  
>  
> -still have the matching auto tuner for Yaesu 757/980, the 757AT  
> $250  
>  
> -Unbuilt St. Louis Tuner Kit (my backlog of kits is just too  
> great). Looking to just cover my cost, $80  
>  
> For all items, we split shipping.  
>  
> b  
>  
>  
> . . . . . - I own my own words - . . . . .  
> Bill Acito  
> acito@asdg.enet.dec.com  
> |d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA
```

>
> W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life
>
>
>
>
>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [10876] Re: FSFD CANADA DAY-volunteers needed
Message-ID: <Pine.SOL.3.91.970203141949.11731A-100000@hyper>

On Mon, 3 Feb 1997, Jim Hydzyk wrote:

> Looking especially for 40 & 80M evening/night coverage, Jim K3QIO Delaware
>
I'm looking especially for 20 & 30M afternoon coverage! Don't leave out
us poor night time workers. :-)

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: VE3JC John <jbcumming@wwdc.com>
Subject: [10810] Re: FSFD/NM/QRP/QRM - FYI Canadian QRP Award
Message-ID: <32F553CC.6D8A@wwdc.com>

Jay D Miller wrote:

>
> QRP-Lers,

> Dumb question; why don't we have a worked all Canada QRP contest too ?
> Canada was thinking about invading the USA.
> Hmmm, we could delay that invasion by encouraging one of the Canadian QRP
> Clubs to sponser this event, then they could invade the USA, during the
> summer. Hey, we should give Canada the District of Columbia & The
> Commonwealth of Massacuetts & 20 points ("The Patriots") too. ;-)
>
> Thanks, we had fun...Jay-WA5WHN & Judy-WB5LYJ
> Jay,

Sorry I missed you both on FSFD - (Winter Cub Camp kept me off the air
all weekend !)

F.Y.I. There IS a Canadian QRP AWARD. Information on this award and other Canadian Awards is available at <http://www.rac.ca/awards.htm>

***** Canadian QRP Award *****

Contact all 12 provinces and territories of Canada with two way QRP

For this award, QRP is not more than 5 watts CW or 10watts pep SSB.

Log data and \$2 or 2 IRC's to

Jeff Heatherington, VA3JFF, 3399 Cardinal Drive, Niagara Falls ON, L2H 3A6

Go for it!

72/73,
John

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [10837] Re HW-8 headphone impedance
Message-ID: <Pine.BSI.3.93.970203080924.10351A-100000@u1.abs.net>

KG5LO recently asked about this topic. It's been several years since I've played with an HW-8 using low impedance phones, so don't remember exactly what the difference was, but I do remember that using an HW-8 with the proper headphone impedance--2000 ohms, or even 600 ohms--sounded a lot better than using low impedance phones. It was definitely worth the trouble to get the higher impedance ones, or to add a matching transformer. I don't know if Radio Shack still has it, but at one time they had a tiny little audio transformer, from 1K (center tapped, I think) down to 8 ohms, or something similar. I installed those in a couple of HW-8s to allow use of low impedance phones and recommended doing the same to a few people, and all were happy with the improvement. It's not a precise match, since I think the HW-8 "prefers" 2K phones, but it certainly makes a dramatic improvement in the audio.

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [10817] Re: IC Sockets
Message-ID: <Roam.3.0.1.854943562.12539.myers@bigboy>

Brad wrote:

> OK, I got more than a few replies about using sockets - its OK to do. I
> was also told to get better quality sockets - looked through Paul Hardens
> Data Book - learned about Standing Wave Ratio and Standard Drill Sizes
> (US) but so far nothing on how to distinguish the quality of a socket -
> its probably in there, I just distracted easily by all the other neat
> stuff.

Who said IC sockets are OK? They're tolerable at HF, intolerable above
HF. The better quality sockets are generally the "machined pin" style,
where each pin is an individually machined little assembly. An example
of these are the sockets made by Augat, though others make these 'hi-rel'
sockets.

IC sockets present a reliability issue in any application, and I avoid them
in RF applications, particularly above 30MHz.

Dana K6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [10890] Re: Info on 2SC2075 RF Power Trans?
Message-ID: <19970203.182240.2303.0.KD1JV@juno.com>

> Dan's Small Parts has a good deal on these transistors (2SC2075).
>
> 3/\$4.50 or 10/\$9.00.
>
> Anyone have only specs on them? BVceo? Nominal rated power
> output & frequency? Case style (T0-220)? Typical power gain?
>
My RF Parts catalog has them listed.

0.3 watts in, 4 W CW out, 16 W PEP, Gpe (dB) 12, Ic (cont.) 4 amps.
ratings based on 21 to 30 Mhz use. T0-220, yes, pin out, BCE, Tab C

Looks like not a bad HF QRP final. Most likely a CB set type transistor.

RF Parts has them listed for \$2.43, so 9 bucks for 10 is a real bargain. Buy 'em.

BTW, The 2SC1945 looks like a good one, 0.5 W in, 14 W out. Gpe 15 dB opps, that one goes for \$12.95....

The RF Parts catalog is a good one to have. Lots of "hard to find" stuff. RF tubes , HV transformers, air variable caps, trimmers, silver micas, doorknob caps, etc. Gotten some parts from them now and again...Standard disclaimer.

RF Parts
435 South Pacific St
San Marcos, Ca 92069

de KD1JV Steve

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [10891] Re: Info on 2SC2075 RF Power Trans?
Message-ID: <19970203.162643.3398.0.gsurrency@juno.com>

Dan sub'd someof these things for the MRF-476s I ordered. They don't have near the gain of the '476, so I guess they need a lot more drive. I only got 2-3 watts out of them in a circuit I tried them in. Unless you have a good deal of drive, I would stay away from them. No spec's here on them. TO-220, same pinout as MRF-476 and NTE235.

The 2SC2078 is a higher gain device, and is used in a lot of CBs, so they have good gain and a high enough fT to produce ~5w at 27Mhz. Same pinout as above units. I tried a 2SC2075 in the place of a 2SC2078, got 1/2 as much power output. I hear a 2SC1678 is the device of choice, but I don't have any, or the specs on them.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [10823] Re: It's Here - WoW
Message-ID: <199702030518.XAA03580@admin.inetport.com>

Nick said:

...

BTW: These were numbered 451 and 452 for those who want to know where they're up to. It was mailed on 1/30/97 and arrived today from coast to coast.

...

Just to ask a dumb question guys....
Where are these numbers I keep hearing about????

I looked on the envelope, on all the instruction sheets, on the board, (Ha..) and in the parts bag.....

Have I missed something or are you guys genning up another Snipe Hunt story????

Numb minds wanna' know...

Larry

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
ex: KN80SG K80SG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978 Fl)

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [10798] Re: Messy Shack contest
Message-ID: <1.5.4.16.19970202185430.14d76316@destin.nfds.net>

At 12:00 PM 2/2/97 PST, Daniel C Winkler wrote:

> Now I have another delemma:
> F. Re-read stuff from my "Nils" folder (Yes, really. Some of it
> is too funny to delete!)

And I Thought I was the only one with a NILS Folder!!!!!!!

72/73

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
Subject: [10805] Re: NCJ Sprint Format
Message-ID: <199702030217.VAA06312@mail.bright.net>

Joel -

The sprint has been in that format since the beginning many years back. It was set up that way to keep the big signals from taking over a frequency and keeping out the little guy. It makes the contest ideal for someone who is good at S&P because it means that the guys who usually just sit a run qso's have to also S&P

It takes a while to get used to - the guys who run that contest and finish high in the standing have been doing it for years and are good at it. You will find the top stations are probably running radios on two bands at once - and that takes a bit of skill also.

Hang in there - if you can do the Sprint successfully you are going to do well in any contest you enter!

73 -

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://qrp.cc.nd.edu/kanga/>
419-423-4604

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: PaulKB8N@aol.com
Subject: [10838] Re: NCJ Sprint Format
Message-ID: <970203082411_1827179196@emout15.mail.aol.com>

Joel,

In my opinion, the format for this contest actually works in the favor of the little guy. Once you make an S&P QSO, you then own the frequency until someone calls you. This is considered the "contesters contest", because it seems to level the playing field. With two twenty year old transceivers and low wires, I have consistently been in the top ten in the low power category, finishing #5 in my last outing (Feb 96). Of course, the Texas QTH is a big help!

This is a fantastic contest, fast-paced and fun. Participate and enjoy!

72/3, Paul KB8N

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [10845] Re: NG ANTENNA
Message-ID: <199702031438.IAA19992@Spacestar.Net>

: I believe what you saw is a TD2F broadband dipole..

Nope, that was my first thought too. But a TD2F doesn't have short wires connected between the balun and upper "resistor".

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
TCP/IP ka0gkc@ka0gkc.ampr.org
Ask me about the Minnesota QRP Society!
<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: ka7you@juno.com
Subject: [10832] Re: QRP-L TroubleShooting Contest
Message-ID: <19970203.011516.6591.22.KA7YOU@juno.com>

I think Doug just doesn't want this embarrassment on his shelf, and he thinks this is a way to keep the USPO in business. Doug, are you hoping someone will break the chain and it will be forever lost? Somehow, someday it will return! You may not recognise it, but it will return...TO HAUNT YOU! :>)

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz

NWQRP#120 ARCI#7251
QRP-L#844

On Sun, 02 Feb 1997 21:41:40 -0800 Doug Hendricks <ki6ds@telis.org>
writes:

>Friday, I alluded to a technical contest that would appeal to the
>technical
>gurus here on the list. Chuck Adams and I were talking on the phone
>the
>other night, and I mentioned to him that I was going to get my
>RadioKit QRP
>rig back from a friend who had worked on it for 2 1/2 years! It still
>
>doesn't work. He had worked on it every week, and finally had to give
>up on
>it. I mentioned to Chuck that I only knew of 3 of those kits that
>worked,
>Preston Douglas, Pete Hoover, and Charlie Fernweger all had working
>kits, but
>no one else that I knew of had. Chuck mentioned that he had worked on
>one
>for 3 months himself and finally threw in the towel and had given up.
>We
>talked some more, and we have come up with another contest.
>
>Chuck will take a list for 24 Hours from the time of this posting for
>guys
>who want to take part, just send him a message that you think that you
>can
>get the RadioKit QRP rig going. He will put all of the entries names
>in a
>hat, and draw them out and post the order of the list to the net. I
>will
>ship the rig with the documentation to the first name on the list.
>The
>entrant will post to the net when he receives the rig. He will then
>have 7
>days to fix the rig. Daily progress reports will be posted to the net
>as to
>the progress of the mission. If he succeeds, he wins a brand new
>TenTec 1340
>QRP Transciever kit from Doug and Chuck. The rig must work as
>advertised in
>the docs. All parts are there. Each entrant will provide parts as
>needed to
>fix the rig, and will document everything tried. If you blow up a
>part, you

>replace it. If you fail to fix the rig, you post to the net that you
>have
>had your shot, and you have mailed it to the next guy on the list,
>again, at
>the expense of the entrant. The kit must be mailed via Priority mail.
>
>
>If you think that you have the rig fixed, you will mail it to Chuck
>Adams,
>who will make the final decision as to your success. Chuck will then
>mail
>the rig back to me, and I have a special place for it to go when it is
>fixed.
>This one will make the winner famous. Why you might even be invited
>to sit
>with Nils on the front porch next to the washing machine and wait for
>the
>mailman to bring his kit. Cindy might even bring you some of her
>famous Ohio
>Iced Tea.
>
>72, Doug, KI6DS
>
>
>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Ed Pacyna <pacyna@auratek.com>
Subject: [10877] Re: QRP-L TroubleShooting Contest
Message-ID: <3.0.16.19970203141941.36a70f06@galaxy.auratek.com>

>I mentioned to Chuck that I only knew of 3 of those kits that worked,
>Preston Douglas, Pete Hoover, and Charlie Fernweger all had working kits,
but
>no one else that I knew of had.

I have absolutely no vested interest, connection etc. with Radio Kit
whatsoever. However, over the last 6 or 7 years I have built almost 20 of
them and they all worked great (a dozen or so of their QRP-XX's for 40,20
and 15M, 3 of their 20M CW Travel Radios and 4 of their 75 and 20M SSB
transceivers). Some where built from kits and others from scratch (PCB from
FAR Circuits).

Could not keep one around very long (before being tempted by someone who
wanted it).

They were not "connect the dots" novice level construction and in particular the QRP-XX series was a challenge (high circuit density). However, I have seen a number of them successfully assembled by folks with only modest experience (Airline Pilots, Stock Brokers, School Teachers etc.). The key was patient, careful assembly and knowing (learning) enough to find your mistake.

Ed, W1AAZ

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: tedk4mkx@nmaa.org (Edward Beach)
Subject: [10863] RE: Radio Shack DSP
Message-ID: <32F63BFA.41D3@nmaa.org>

I have one of the RS DSP units and find it to be useful under certain circumstances. It was called the DSP 40, and the RS catalog number is 21-543.

de Ted, K4MKX

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Chris Cartwright <ccart@vidtel.com>
Subject: [10846] Re: Re HW-8 headphone impedance
Message-ID: <Pine.LNX.3.93.970203094406.523A-100000@dns.vidtel.com>

On Mon, 3 Feb 1997, Mike Czuhajewski wrote:

> transformer. I don't know if Radio Shack still has it, but at one time
> they had a tiny little audio transformer, from 1K (center tapped, I think)
> down to 8 ohms, or something similar. I installed those in a couple of

Yes, they're still available. Got some for the 448THz system a few weeks ago. They were under \$2, (I thnk) if you don't have a Radio Shack catalog the part number is listed in the Feb QST in "The World Above 50 MHz" section, in the text of the article on lasers.

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com

-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: Randy Hargenrader <randyh@harksystems.com>

Subject: [10861] Re:Sockets

Message-ID: <32F61906.5ABB@harksystems.com>

My two cents...

Sockets are fine for a lot of applications. I remember reading a post by one of the prototypers of the 38 that said he used them with no adverse affects. Sockets got a bad name from the "cheap" ones that sometimes didnt even hold the IC securely. My company uses "millions" a year and we see very little trouble. We are careful to use a particular type which has a "double wipe" arrangement. (This isnt the only criteria) This can be determined by making sure there is a "wiper" on both sides of the IC leg. The cheap (and troubling) ones only "wipe" on one side of the IC leg. The "machined" variety are also very good and are usually more expensive. I build ALL my projects with sockets. Period. Saves wear and tear on the IC's legs after I discover a wiring error, and after I put the volts in backwards and have to replace the all the ICs that have the smoke let out of them! The extra lead length can only be problem at VHF and higher.

--

73, Randy WJ4P

QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: "Claton Cadmus" <aplitech@Spacestar.Net>

Subject: [10844] Re: Strange antenna spotted(long) at Gov. facility

Message-ID: <199702031438.IAA19988@Spacestar.Net>

It is either;

- 1.) A simple dipole with the extra wire used to increase the bandwidth.
- 2.) A multiple dipole and one of the conductors on each side of the balun is actually shorter or there is a break in the wire to provide multiband operation.

Both scenarios can be found in any ARRL Antenna Book.

Hope this Helps

73 de KA0GKC Claton Cadmus

E-mail cla@spacestar.net

TCP/IP ka0gkc@ka0gkc.ampr.org

Ask me about the Minnesota QRP Society!

<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: Jim W7LS <w7ls@brigadoon.com>

Subject: [10878] Re: Strange antenna spotted(long) at Gov. facility

Message-ID: <199702032003.MAA12766@olympic.brigadoon.com>

Rod, what you saw was a commercially available B&W nonresonant dipole, called a B&W AC1.8-30 or similar. Been on the market for at least 10 years. See them in the back of ham magazines. They even list the patent number in the ads.

What it is is a folded dipole with the lower chunk at the feedpoint being a 6:1 balun and the upper chunk is a 600 ohm resistor. The resistor essentially soaks up the remaining rf that did not radiate on the first pass along the wires so that it does not reflect back and cause any resonating effects. Ergo; a simple to use, broadband radiator. Good for up to a kw.

They also make an end fed version, that I have. The wires that you saw going from the lower chunk to the upper chunk were probably some guy's attempt to make a defunct antenna work, or maybe they were not wires, but just insulating strings???

Drop by sometime and I'll show you mine. I haven't used it yet, but I have used the exact one you have described.

.73 (73 down 20dB) de Jim, W7LS

At 04:09 AM 2/3/97 EST, you wrote:

>To the antenna buffs.

> I was driving past a National Guard building this weekend and
>spotted what I thought was a fairly wide spaced folded dipole, obviously
>for low band HF frequencies. After a second look, it seems to be
>something slightly different.

> Two strands of wire were seperated with spacers by 12 to 18 inches,
>and the total length between the support ropes was estimated to be about
>60 to 80 feet. The coax feedline was attached to the middle of the
>lower strand, via a 6 or 8 inch diameter version of the common white

>plastic HI-Q style baluns, but the odd thing was that the upper wire was
>also split directly above the feedpoint, and a white plastic cylinder
>(insulator?) was inserted there.

> So far it looked like a balun fed dipole, with the ends folded back
>upon itself to the middle (insulator?); but I could see more wires in the
>middle. I was able to get to the edge of the building (across a non
>fenced grassy lawn) and could see what appeared to be connecting wires
>from the antenna terminals on the lower balun to the corresponding points
>on the upper wire where it attached to the upper center (insulator?).

> If in fact the upper (insulator?) was just that, then each side
>would have been a continuous loop of about 18inches by 30 to 40 feet, but
>only connected to one terminal of the center balun. If the upper
>(insulator?) was a coil housing, then we would have two loops as before
>with a coil essentially attached across the feed point on 18 inch leads
>(the width of the parallel wires).

> There were only two items that I felt that were not readily apparent
>from my ground inspection. One was if it was in fact a balun at the
>feedpoint, and the other was whether the upper center cylinder was
>housing a coil, or other conductor. It had eyebolts coming out of each
>side like the lower feed line device, but could have been even housing a
>trap of some sort, I guess.

> This whole arrangement was only a few feet above the roof of a one
>story building, so I got a pretty good look at it.

> Obviously, I was really curious, and my very tolerant wife said
>something to the effect of " Did it give you any ideas?" My response
>was"No, but it did raise a couple of questions".

> So, what is it!

>7 3,

>Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz

>NWQRP#120 ARCI#7251

>QRP-L#844

>

>

>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: Jim W7LS <w7ls@brigadoon.com>

Subject: [10879] Re: Strange antenna spotted(long) at Gov. facility

Message-ID: <199702032005.MAA13070@olympic.brigadoon.com>

Rod. Forgot to mention that B&W will happily send you the manual for that antenna for free. Just call them up. Numbers are in their ads or find on internet phone books. Patent numbers are listed there, too.

Also forgot to mention that these are variants of the Beverage antennas.

.73 de Jim W7LS

At 04:09 AM 2/3/97 EST, you wrote:

>To the antenna buffs.

> I was driving past a National Guard building this weekend and
>spotted what I thought was a fairly wide spaced folded dipole, obviously
>for low band HF frequencies. After a second look, it seems to be
>something slightly different.

> Two strands of wire were seperated with spacers by 12 to 18 inches,
>and the total length between the support ropes was estimated to be about
>60 to 80 feet. The coax feedline was attached to the middle of the
>lower strand, via a 6 or 8 inch diameter version of the common white
>plastic HI-Q style baluns, but the odd thing was that the upper wire was
>also split directly above the feedpoint, and a white plastic cylinder
>(insulator?) was inserted there.

> So far it looked like a balun fed dipole, with the ends folded back
>upon itself to the middle (insulator?); but I could see more wires in the
>middle. I was able to get to the edge of the building (across a non
>fenced grassy lawn) and could see what appeared to be connecting wires
>from the antenna terminals on the lower balun to the corresponding points
>on the upper wire where it attached to the upper center (insulator?).

> If in fact the upper (insulator?) was just that, then each side
>would have been a continuous loop of about 18inches by 30 to 40 feet, but
>only connected to one terminal of the center balun. If the upper
>(insulator?) was a coil housing, then we would have two loops as before
>with a coil essentially attached across the feed point on 18 inch leads
>(the width of the parallel wires).

> There were only two items that I felt that were not readily apparent
>from my ground inspection. One was if it was in fact a balun at the
>feedpoint, and the other was whether the upper center cylinder was
>housing a coil, or other conductor. It had eyebolts coming out of each
>side like the lower feed line device, but could have been even housing a
>trap of some sort, I guess.

> This whole arrangement was only a few feet above the roof of a one
>story building, so I got a pretty good look at it.

> Obviously, I was really curious, and my very tolerant wife said
>something to the effect of " Did it give you any ideas?" My response
>was"No, but it did raise a couple of questions".

> So, what is it!

>7 3,

>Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz

>NWQRP#120 ARCI#7251

>QRP-L#844

>

>

>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [10875] Re: Tool needed
Message-ID: <3.0.16.19970203103653.210786b8@mail.lightside.com>

Steve:

Try MSC Industrial Supply. \$25.00 minimum order, but their FREE catalog is 3554 pages. 800-645-7270.

At 11:08 2/3/97 -0500, Holland, Steve Wrote

>

>I realize this is not directly related to QRP but as this is a very
>technically oriented group I was hoping you could help. I am looking for
>a five point driver similar to the torx drivers. Any help is appreciated.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [10806] Re: WTB BASIC STAMP II
Message-ID: <Pine.GS0.3.95.970202212740.25332A-100000@lictor.acsu.buffalo.edu>

Thanks for all the help....

The chip is available from digikey. Their website has the price quantity on hand. They also supply manufacturers info.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

On Sun, 2 Feb 1997, J. Skalski wrote:

> I am looking for a source for some BASIC STAMP II chips.
> They are 24 pin IC's. You can connect them to your serial port and
> program it in Basic. Once programmed you can disconnect the PC. It's 16
> i/o lines can be configured via the programming to do all sorts of amazing
> things like serial i/o for talking to other STAMPS, PCs or other chips,
> read resistances, count pulses or measure their width, generate DTMF for
> dialing phones, controlling X-10 wireless Radio Shack 120VAC control
> modules, pulse width modulation etc.
>
> Also need LM016L 2x16 LCD
> and DS1302 Dallas clock chip (Dallas semiconductors (with 32.7Khz clock
> xtal
>
> Any leads would be helpful
>
>
>
>
> 73,
>
> Jim N2GO
> The Buffalo QRP CONNECTION
> ARCI #9013 QRP-L #381
> Life member ARRL
> jskalski@acsu.Buffalo.EDU
>
>
>

From owner-qrp-l@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Marcus Leatham" <leatham@nortel.ca>
Subject: [10889] re:WTB: 38 Special
Message-ID: <199702032323.SAA73407@nss2.CC.Lehigh.EDU>

Thanks to all for the quick response!

What a bunch 'o guys/gals!

--Marcus, KR5N--

In message "WTB: 38 Special", 'leatham@bnr.ca' writes:

>Please pass info about buying a 38 special kit
>and TiCK for a friend. Later, I'll want to collect
>modification info on high power PA, etc etc. I

>just found out my friend wants to get one, so I
>haven't been following the discussions.
>
>Thanks, sorry to bother everybody.
>Marcus KR5N
>
>leatham@nortel.ca
>
>

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [10859] RE: Young Ham with us
Message-ID: <199702031648.JAA11225@orion.ditell.com>

Gang:

<<My name is Matt. My age is 16 years old. My call is AE4JM. I am
just now getting on the internet and getting an email address. So I
just subscribed to QRP-L last night >>

Hey, look at that! someone joining our ranks under the age of 40!!

Welcome aboard, Matt. I am sure we will all try our darneest to keep you happy
here.

73, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [10869] RE: Young Ham with us
Message-ID: <Roam.3.0.1.854992127.11518.myers@bigboy>

> Gang:

>
> <<My name is Matt. My age is 16 years old. My call is AE4JM. I am
> just now getting on the internet and getting an email address. So I
> just subscribed to QRP-L last night >>

>

> Hey, look at that! someone joining our ranks under the age of 40!!

Hey!! I'm not that old!! I was an Extra before I was 30 and stuff....

;-)

Dana K6JQ

From owner-qrp-1@Lehigh.EDU Mon Feb 3 18:02:05 1997

From: Dan Halbert <halbert@BBN.COM>

Subject: [10853] Re: [10628] antenna opinions wanted

Message-ID: <199702031538.KAA23975@halite.Diamond>

>Having moved a few times, I'm on a smaller lot which will not allow a tower
>or a yagi. So, my question is: what type of antenna to start out with.

(I've said the following several times over the past few years; apologies
if it seems repititious.)

If you have at least three trees or or other supports on the
perimeter, I would suggest a horizontal loop (triangle or rectangle).
It will tune up on any band at or above its fundamental full-wave
length. Feed it with open-wire line. For lower bands you can short the
feed and use a counterpoise (which won't work wonderfully, but will do
something). Pass the wire through plastic or marine pulleys suspended
from ropes, and leave a little slack.

The small-lot advantage is that you may not have the length for a 40m
dipole, but still be able to fit the sides of a loop on the lot.

If you have only two suitable trees but they are tall, try a vertical
loop, fed in the corner. If your trees are shorter, try a
open-wire-fed dipole ("doublet") (so you can use it on other bands),
but let the ends droop, like a tipped over squarish "C".

Dan, KB1RT (owner of 7750 sq ft of real estate)